BRUHAT BANGALORE MAHANAGARA PAILKE

EXECUTIVE ENGINEER, PROJECT DIVISION

Name of Work:- Balance Works and other amenities to Indoor stadium at sahakarnagar in ward No.08

Estimate Cost Rs.148.60 Lakhs

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. In all kinds of soils Depth upto 1.5 m (V-I, P.No.5, I.No.1.4.1 of PW, P&IWTD SR 2021-22)								
	For stoneware pipes	1	70.00	0.90	1.00	63.00			
	For Rcc Pipes	1	70.00	1.50	3.80	399.00			
	For Manholes	3	3.14*1.2*1.2		2.10	28.49			
		3	3.14*1.5*1.5		2.10	44.51			
						535.00	**Cum**	**204.60**	**109460.10**
	Basic Rate	186.00							
	Add 10% A.W	18.60							
	Total Rate	**204.60**							
2	Supplying, lowering, laying, jointing, testing and commissioning of Glazed Stone Ware Pipes of following dia, conforming to IS 651:1992, IS 4127 with latest amendments, including conveying to work site, caulking with hemp dipped in tar and jointing with CM 1:1.5 using OPC, perfect linking and curing for 10 days and testing with water etc. with all lead, lifts and as per Technical Specifications. The cost to include the cost of all jointing materials, necessary survey works for laying of sewer lines etc. complete. The contractor will make own arrangements for procuring water for testing. 230 mm dia. pipes (V-5, P.No.184, I.No.1.4 of PW, P&IWTD SR 2021-22)								
	For stoneware pipes	1	70.00			70.00			
						70.00	**Mtr**	**881.10**	**61677.00**
	Basic Rate	801.00							
	Add 10% A.W	80.10							
	Total Rate	**881.10**							
3	Supplying S&S RCC SPUN / VIBRATED CAST PIPES (REINFORCED) pipes NP-3 Class conforming to IS:458-1988 with latest amentments using ordinary portland cement, for sanitary works and conveying to work site, rolling and lowering into trenches, laying true to line and level including loading and unloading at both destinations and jointing of pipes and specials, perfect linking of joints with jack to correct position including cost of jointing materials, i.e, rubber rings conforming to IS: 5382 for S&S RCC pipes, with all leads and lifts as directed and giving necessary hydraulic test as per ISS to the required pressure and commissioning etc. complete. (Contractor will make his own arrangements for procuring water for testing). Before the execution of the work, the contractor shall carry out the survey. RCC NP3 Class pipe of 300 mm dia. (V-5, P.No.185, I.No.3.2 of PW, P&IWTD SR 2021-22)								
		1	70.00			70.00			
						70.00	**Mtr**	**1226.50**	**85855.00**
	Basic Rate	1115.00							
	Add 10% A.W	111.50							
	Total Rate	**1226.50**							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
4	Providing and constructing "WIRE CUT BRICK MACHINEHOLE CHAMBERS" using Portland/Pozzolana cement, conical in shape at top, with CC 1:3:6 foundation using 40mm and down size graded metal of approved quality and with an offset of 0.15M alround the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12mm thick, except for the conical surface outside where the plaster thickness shall be 20mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20mm and down size. Supplying and fixing SFRC Machinehole frame and cover (Heavy Duty) conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12mm dia. steel bars (Fe-500) with 3mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block embeded to masonry wall. The whole works include watering, curing, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving Machinehole number with flow direction on the inner conical surface etc. as per the drawing etc. as per technical specifications and for the following diameters and depth etc.For Circ. Brk M.H. 1.2m dia: Constructing Brick Masonry Circular Machinehole 1.2 m internal dia. & 2.0 M depth includ. SFRC F&C (V-5, P.No.189, I.No.13.11 of PW, P&IWTD SR 2021-22)								
		3				3.00			
						3.00	**Each**	**64252.10**	**192756.30**
	Basic Rate	58411.00							
	Add 10% A.W	5841.10							
	Total Rate	**64252.10**							
5	Providing and constructing "WIRE CUT BRICK MACHINEHOLE CHAMBERS" using Portland/Pozzolana cement, conical in shape at top, with CC 1:3:6 foundation using 40mm and down size graded metal of approved quality and with an offset of 0.15M alround the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12mm thick, except for the conical surface outside where the plaster thickness shall be 20mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20mm and down size. Supplying and fixing SFRC Machinehole frame and cover (Heavy Duty) conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12mm dia. steel bars (Fe-500) with 3mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block embeded to masonry wall. The whole works include watering, curing, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving Machinehole number with flow direction on the inner conical surface etc. as per the drawing etc. as per technical specifications and for the following diameters and depth etc.For Circ. Brk M.H. 1.5m dia: Constructing Brick Masonry Circular Machinehole 1.5 m internal dia. & 4.0 M depth includ. SFRC F&C (V-5, P.No.189, I.No.14.4 of PW, P&IWTD SR 2021-22)								
		3				3.00			
						3.00	**Each**	**147393.40**	**442180.20**
	Basic Rate	133994.00							
	Add 10% A.W	13399.40							
	Total Rate	**147393.40**							
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. (V-1, P.No-7, I No-1.9 of PWD SR 2021-22)								
	Qty Vide I.No - 01					535.00			
						535.00	**Cum**	**224.40**	**120053.01**
	Basic Rate	204.00							
	Add 10% A.W	20.40							
	Total Rate	**224.40**							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
7	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test. (V-5, P.No.152, I.No.4 of PW, P&IWTD SR 2021-22)								
		1				1.00			
						1.00	**Each**	**5141.00**	**5141.00**
	Basic Rate	5141.00							
	Add 10% A.W	514.10							
	Total Rate	**5655.10**							
8	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) (V-5, P.No.151, I.No.1 of PW, P&IWTD SR 2021-22)								
	Borewell depth of 0 to 50 m	1			50.00	50.00	Mtr	**319.00**	**15950.00**
	Basic Rate	290.00							
	Add 10% A.W	29.00							
	Total Rate	**319.00**							
	Borewell depth of 50 to 100 m	1			50.00	50.00	Mtr	**400.40**	**20020.00**
	Basic Rate	364.00							
	Add 10% A.W	36.40							
	Total Rate	**400.40**							
	Borewell depth of 100 to 150 m	1			50.00	50.00	Mtr	**425.70**	**21285.00**
	Basic Rate	387.00							
	Add 10% A.W	38.70							
	Total Rate	**425.70**							
	Borewell depth of 150 to 200 m	1			50.00	50.00	Mtr	**493.90**	**24695.00**
	Basic Rate	449.00							
	Add 10% A.W	44.90							
	Total Rate	**493.90**							
	Borewell depth of 200 to 250 m	1			50.00	50.00	Mtr	**579.70**	**28985.00**
	Basic Rate	527.00							
	Add 10% A.W	52.70							
	Total Rate	**579.70**							
	Borewell depth of 250 to 300 m	1			50.00	50.00	Mtr	**613.80**	**30690.00**
	Basic Rate	558.00							
	Add 10% A.W	55.80							
	Total Rate	**613.80**							
	Borewell depth of 300 to 350 m	1			35.00	35.00	Mtr	**682.00**	**23870.00**
	Basic Rate	620.00							
	Add 10% A.W	62.00							
	Total Rate	**682.00**							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
9	Supplying PVC ringtite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. for: PVC pipes 250mm dia., 6 kg/sqcm & class 3 (V-5, P.No.134, ~~I.No.1~~ of PW, P&IWTD SR 2021-22) Item No. 1.11								
		1			30.00	30.00			
						30.00	**Mtr**	**1564.20**	**46926.00**
	Basic Rate	1422.00							
	Add 10% A.W	142.20							
	Total Rate	**1564.20**							
10	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends.threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibaly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m.prices include Collar-Medium duty. (V-5, P.No.154, I.No.32 of PW, P&IWTD SR 2021-22)								
		1			33.00	33.00			
						33.00	**Mtr**	**2126.30**	**70167.90**
	Basic Rate	1933.00							
	Add 10% A.W	193.30							
	Total Rate	**2126.30**							
11	Providing and fixing MS casing collars as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments (V-5, P.No.154, I.No.33 of PW, P&IWTD SR 2021-22)								
		6				6.00			
						6.00	**Each**	**165.00**	**990.00**
	Basic Rate	150.00							
	Add 10% A.W	15.00							
	Total Rate	**165.00**							
12	Providing and laying at site of work MS casing caps as per IS 1239 (part- II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge (V-5, P.No.155, I.No.34 of PW, P&IWTD SR 2021-22)								
		1	23.50		3.00	70.50			
						70.50	**Each**	**180.40**	**12718.20**
	Basic Rate	164.00							
	Add 10% A.W	16.40							
	Total Rate	**180.40**							
13	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (V-2, P.No.81, I.No.11.16.2 of PW, P&IWTD SR 2021-22)								

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	For Badminton Court	2	1/2(3.14)	4	11	138.16			
	For Canopy	1	3.40	3.40		11.56			
						149.72	Sqm		
		Consider 30Kg/Sqm				**4491.60**	**Kgs**	**149.60**	**671943.36**
	Basic Rate	136.00							
	Add 10% A.W	13.60							
	Total Rate	**149.60**							
14	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete (V-2, P.No.71, ~~I.No.10.15~~ of PW, P&IWTD SR 2021-22) Item No-10.15.1								
		2	3.50	3.50		24.50			
		3	3.50	0.30		3.15			
		2	1.50	1.00		3.00			
						30.65	**Sqm**	**4332.90**	**132803.39**
	Basic Rate	3939.00							
	Add 10% A.W	393.90							
	Total Rate	**4332.90**							
15	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer: Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (V-2, P.No.80, I.No.11.15.2 of PW, P&IWTD SR 2021-22)								
		2	55.00	0.50		55.00			
						55.00			
		Consider 20Kg/Sqm				**1100.00**	**Kg**	**116.60**	**128260.00**
	Basic Rate	106.00							
	Add 10% A.W	10.60							
	Total Rate	**116.60**							
16	Providing and fixing Net pole Total Weight 200 KG Material used; Carborudum,Poles gauge:14,Top Wheel type,PaintType: Epoxy Painting,Movable Type: Portable on wheels .Height ; 5.1ft. Tapered box with Yonex Standred Net as Per Specification etc., complete including transportation installation at site. (Data Rate)								
		8	1.00			8.00			
						8.00	**Each**	**32000.00**	**256000.00**
	Data Rate	32000.00							
17	Providing, supplying and fixing to walls, 6mm thick mirror of best quality including material, drilling of holes, bolt and nuts arrangement grinding, polishing all lift and nuts arrangement grinding, polishing all lift and lead, labour, transportation etc., complete as per direction of Engineer in charge of work								
		1	25.00		1.50	37.50			
						37.50	**Each**	**4842.00**	**181575.00**
	Data Rate	4842.00							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
18	Supply and Installation of Treadmills of Speed: 0.5 ~ 25km / h (0.3 ~ 15mi /h), AC3Hp (10.5Hp max) Power of the motor. Incline Rate : 0% ~ 16%, Input power : 120V or 220V, 50Hz~60Hz Features : self tracking roller, antiskid grippers, USB socket, shock absorption system, convenience function, wireless mobile recharger , wireless heart measurement, pre-lubricated deck, Running area W530 X L1600mm (21"x63"), maximum user weight 200kgs.Display info : time, distance, calorie, speed, incline, heart rate. Inclusive of All Taxes and Transportation Charges								
		4				4.00			
	Data Rate:	678895.00				**4.00**	**Each**	**678895.00**	**2715580.00**
19	Supply and Installation of Elliptical of Resistance Level: 20 Levels, Power Requirements : 120 volts, Set up height : 4, 10 Workout Programs :Manual, random, interval, custom interval, 10K Features : Heart rate monitoring, space-efficient footprint, patented Multi Grip handlebars, water bottle holder, Workout boosters X-Mode, Arm Blaster, Glute Kicker, Dedicated logic programming, quick start, auto quick start, cool down, heart logic intelligence, wireless & Digital heart rate, Heart rate-controlled programs, maximum user weight 180kgs. Inclusive of All Taxes and Transportation Charges								
		3				3.00			
	Data Rate:	270174.00				**3.00**	**Each**	**270174.00**	**810522.00**
20	Supply and Installation of Bike of BH H775 of Technical specifications:-resistance level: 8 levels, no-friction magnetic resistance. power : 1.5 volts x 2, aa size battery. fly wheel : 5 kgs precision balanced Drive system : center design drive, super silent poly-v belt driven. Pedals : self balanced with adjustable straps. Seat : ergonomically designed easy seat with flex back cushion contoured for lumbar support with horizontal slide adjustment Handle bars : side handle bar with contact heart rate sensor and u bar style front Handle. display : lcd display, single window computerized console. Display : multi read out instantly displays time, speed, distance, calories, pulse, odo and scan. user weight : 100 kgs .Frame structure : extra sturdy and stable steel frame construction for maximum durability and stability, frame to be finished with proprietary two coat powder process. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	264631.00				**1.00**	**Each**	**264631.00**	**264631.00**
21	Supply and Installation of Bikes of BH H772 Upright Bike: 130 x 62 x 142 cm Weight LED 64.6 kg / TV 67 kg Resistance system Electromagnetic brake Intensity 24 levels Power 250 w Self generating LED Yes / TV No Transmission system Poly-V belt Type of monitor LED / Smart Focus Vertical Saddle adjustment Yes Horizontal saddle adjustment Yes In-built fan No Heart rate sensor on handrails Yes Wireless chest strap Optional Bottle holder Yes Wheels for transport Yes. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
	Data Rate:	202283.00				**2.00**	**Each**	**202283.00**	**404566.00**
22	Supply and Installation of Lexco Seated Chest Press : Product size: W1,437 × L1,430 × H1,940mm (56.6 "× 56.3" × 76.4 ") Weight: 282kg (622lb) block weight: 100kg (220lb) Material: involute pipe 50 X 105 3.0T outer cover : ABS material double sided block cover urethane foam (memory foam) sheet Characteristic Improved muscle handle angle implementing the shrinkage start bar to control the movement start position to expand the range of motion step 10 the gas spring absorber + rack gear type elevator saddle ABS material covers both sides of the block. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	433988.00				**1.00**	Each	**433988.00**	**433988.00**

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
23	Supply and Installation of Leg Curl/Extension of Specifications Dimensions : 1,080 × 1,400 × 1,550 mm (42.5"x40.9"x61.0") Product Weight : 275kg (606lb)Stack Weight : 100kg (220lb)Features 2 kind of exercise available multiple-purpose strength machines: Leg extension, Leg Curl Push-button pivot motion applied to variety of position Incline seat and back rest for more improved muscular contraction ABS material both-side stack cover 2 steps of lock point for seat and backrest position adjustment. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**476042.00**	**476042.00**
	Data Rate:	476042.00							
24	Supply and Installation of Horizontal Leg Press of Specifications Dimensions : W1.272 x L1,885 X H1,720 mm (50.1"x74.2"x67.7") Product Weight : 321Kg (708lb) Stack Weight : 100kg (220lb) Features Angled seat and backrest for user comfort Smooth movement of guide-rail ABS material both-side stack cover 15-steps gas shock absorber type seat position adjustment. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	**Each**	**468218.00**	**468218.00**
	Data Rate:	468218.00							
25	Supply and Installation of Assisted Chin/Dip of Specifications Dimensions : 1,137×L1,318×H2,273mm (44.7×51.8"×89.4"") Product Weight : 256kg (564lb) Stack Weight : 75kg (165lb) Features Rotating handles allow users of all the size Dual chinning handles providing variety of exercise Knee pads designed for easy start and finish of workout ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	**Each**	**447435.00**	**447435.00**
	Data Rate:	447435.00							
26	Supply and Installation of Pectoral of Specifications Dimensions : W1.280 x L1,010 X H1,950 mm (50.4"x39.8"x76.8") Product Weight : 297Kg (615lb) Stack Weight : 100kg (220lb) Features Independent movement of handles to provide variety of exercise. 10-steps gas shock absorber type seat position adjustment ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	**Each**	**416873.00**	**416873.00**
	Data Rate:	416873.00							
27	Supply and Installation of Lat Pull Specifications Dimensions : W1.095 x L1,615 X H2,242 mm (43.1"x63.6"x88.3") Product Weight : 255Kg (562lb) Stack Weight : 100kg (220lb) Features Height adjustable thigh pads providing stability Greater feeling of thigh pad grips ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	**Each**	**348413.00**	**348413.00**
	Data Rate:	348413.00							
28	Supply and Installation of Arm Curl of Specifications Dimensions : W1.410 x L1,080 X H1,506 mm (55.5"x42.5"x59.3") Product Weight : 226Kg (498lb) Stack Weight : 75kg (165lb) Features Much improved handle angle for muscle contraction Separately moving handles Comfortable start/stop handles ABS material both-side stack cover Elbow pads for stability 10-steps gas shock absorber type seat position adjustment. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**437655.00**	**437655.00**
	Data Rate:	437655.00							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
29	Supply and Installation of Cable Cross of Specifications Dimensions : W2,900 X L1,270 X H2,300 mm (114.2"x50"x90.1") Product Weight : 460Kg (1014lb) Stack Weight : 200kg (441lb) Features Free height adjustment-36 steps adjustable rail handles Dual chinning handles providing variety of exercise ABS material both-side stack cover Cross over handle rack CA-rack (Option) Steel handle 2EA, Rope bar 1EA, Fabric handle 2EA, Straight bar 1EA, Tricep bar 1EA (Basic accessories). Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**596580.00**	**596580.00**
	Data Rate:	596580.00							
30	Supply and Installation of Functional Trainer Specifications Dimensions : W1.830 x L1,797 X H1,880 mm (72.0"x70.7"x74.0") Product Weight : 273Kg (602lb) Stack Weight : 100kg (220lb) Features Optimized space to exercise and variety exercise are possible separately moving handles Separately moving handles ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	**Each**	**514673.00**	**514673.00**
	Data Rate:	514673.00							
31	Supply and Installation of Smith Machine of Specifications Dimensions : W1.844 x L1,350 X H2,230 mm (72.6"x53.2"x87.8") Product Weight : 188Kg (415lb) Features Rotating handle bar helping exercise start/stop 10kg of weight helping user's exercise 12 racking positions and 4 plate storage horns Improved feeling of 10kg dual weight clapper. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**375308.00**	**375308.00**
	Data Rate:	375308.00							
32	Supply and Installation of Super Olympic Bench of Specifications Dimensions : W1.795 x L1,875 X H1,505 mm (70.7"x73.8"x59.3") Product Weight : 99Kg (218lb) Features Integrated foot supports for safety use Dual bar holder for user 10-steps gas shock absorber type seat position adjustment 2 plate storage bars. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**185820.00**	**185820.00**
	Data Rate:	185820.00							
33	Supply and Installation of Super Flat Bench of Specifications Dimensions : W1,912 x L1,439 X H1,250 mm (75.3"x56.7"x49.2") Product Weight : 60Kg (132lb) Features 2 racking positions and 2 weight storage bars 2 plate storage bar. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**124695.00**	**124695.00**
	Data Rate:	124695.00							
34	Supply and Installation of Squat Rock of Specifications Dimensions : W1.830 x L1,370 X H1,760 mm (72.1"x53.9"x69.3") Product Weight : 102Kg (225lb) Features 3 racking positions and 6 weight storage bars. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**146700.00**	**146700.00**
	Data Rate:	146700.00							
35	Supply and Installation of Shoulder Chair of Specifications Dimensions : W1,213×L550×H867mm (47.7"×21.6"×34.1") Product Weight : 25kg (55lb) Features Solid nonskid EP rubber pad for feet. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**95355.00**	**95355.00**
	Data Rate:	95355.00							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
36	Supply and Installation of Hyper Extension of Specifications Dimensions : W650 x L1,212 X H640 mm (25.6"x47.7"x25.2")Product Weight : 40Kg (88lb) Features Solid nonskid EP rubber pad handles and height adjustment pin for convenient workout. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**119805.00**	**119805.00**
	Data Rate:	119805.00							
37	Supply and Installation of Multi Chair of Specifications Dimensions : 1,245× 1,945 × 1,670 mm (49.0"x76.5"x65.7") Product Weight : 47kg (104lb) Features 19 steps height adjustable back rest for various training Easy adjustable backrest adjustment handle Easy movement handle in the front Two stable wheels for easy movement. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	Each	**139365.00**	**278730.00**
	Data Rate:	139365.00							
38	Supply and Installation of Declined/Flat Bench of Specifications Dimensions : W650 x L1,520 X H778 mm (25.6"x59.8"x30.6") Product Weight : 43Kg (95lb) Features Seat pad adjusts 13 locations, comfortable handle for angle adjustment. Convenient handle for adjusting angle. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**128363.00**	**128363.00**
	Data Rate:	128363.00							
39	Supply and Installation of Flat Bench of Specifications Dimensions : W660 x L1,220 X H430 mm (26"x48"x16.9") Product Weight : 22Kg (49lb) Features Integrated 2 wheels for easy movement. Movement handle and single leg for improved usability. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**58680.00**	**117360.00**
	Data Rate:	58680.00							
40	Supply and Installation of Free weights of OB84 of Olympic Bar 7ft:Olympic Barbells of 50mmDiameter, with 3 layer of Nickel Chrome finish , Gunmetal washers for extra durability & with knurling for better grip along two spring Colors. Applicable for all Barbells. Inclusive of All Taxes and Transportation Charges								
		3				3.00			
						3.00	Each	**20783.00**	**62349.00**
	Data Rate:	20783.00							
41	Supply and Installation of Free weights of OB60 of Olympic Bar 5 feet: Olympic Barbells of 50mmDiameter, with 3 layer of Nickel Chrome finish , Gunmetal washers for extra durability & with knurling for better grip along two spring Colors. Applicable for all Barbells. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	Each	**15933.00**	**31866.00**
	Data Rate:	15933.00							
42	Supply and Installation of Free weights of OB36 of Olympic Bar 3feet:Olympic Barbells of 50mmDiameter, with 3 layer of Nickel Chrome finish , Gunmetal washers for extra durability & with knurling for better grip along two spring Colors. Applicable for all Barbells. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**10391.00**	**20782.00**
	Data Rate:	10391.00							

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
43	Supply and Installation of Free weights of OB48EZ of Olympic EZ Curl Bar 4 ft: Olympic Barbells of 50mmDiameter, with 3 layer of Nickel Chrome finish , Gunmetal washers for extra durability & with knurling for better grip along two spring Colors. Applicable for all Barbells. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**11084.00**	**22168.00**
	Data Rate:	11084.00							
44	Supply and Installation of Free weights of Trap Bar of Olympic Trap Bar: Olympic Barbells of 50mmDiameter, with 3 layer of Nickel Chrome finish, Gunmetal washers for extra durability & with knurling for better grip along two spring Colors. Applicable for all Barbells. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**15770.00**	**15770.00**
	Data Rate:	15770.00							
45	Supply of TRX : Premium Suspension Trainers that uses your own body weight to develop strength , balance , flexilibility and core stability. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**22861.00**	**45722.00**
	Data Rate:	22861.00							
46	Supply of Kettle bells: 8 kgs :Competition Kettle bells as per international standards, Made of Steel , Height 280mm. Diameter 210 mm, Handle diameter 35mm. Inclusive of All Taxes and Transportation Charges								
		3				3.00			
						3.00	**Each**	**6210.00**	**18630.00**
	Data Rate:	6210.00							
47	Supply of Kettle bells:12 kgs :Competition Kettle bells as per international standards, Made of Steel , Height 280mm.Diameter 210 mm, Handle diameter 35mm. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**7133.00**	**14266.00**
	Data Rate:	7133.00							
48	Supply of Kettle bells:16 kgs :Competition Kettle bells as per international standards, Made of Steel , Height 280mm.Diameter 210 mm, Handle diameter 35mm. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**9510.00**	**19020.00**
	Data Rate:	9510.00							
49	Supply of Kettle bells:20 kgs :Competition Kettle bells as per international standards, Made of Steel , Height 280mm.Diameter 210 mm, Handle diameter 35mm. Inclusive of All Taxes and Transportation Charges								
		4				4.00			
						4.00	Each	**11888.00**	**47552.00**
	Data Rate:	11888.00							
50	Supply of Olympic Plates -Olympic Rubberized Plates with 51mm diameter with top quality rubber coating for safety and Metal Ring for Durability. : 10kgs-8 nos,15 kgs 6 nos, 20kgs-4 nos , 25 kgs - 4 nos(270 kgs) Inclusive of All Taxes and Transportation Charges								
		2				2.00			
						2.00	**Each**	**117801.00**	**235602.00**

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	Data Rate:	117801.00							
51	Supply of Rubberized Hex Dumbbells- Solid steel head, pressed and welded to a chrome handle with quality knurling for better grip. Rubber coating. Weight indicators permanently molded into the heads: 2.5-6nos,5-6nos,10-4nos,12.5-4nos,15-4nos,17.5-2nos,20-2nos,22.5-2nos,25-2nos,27.5-2nos,30-2nos(480 kgs) Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	177480.00				**1.00**	Each	**177480.00**	**177480.00**
52	Supply of Two Tier Dumbbell Rack: Dumbbells Rack, Two Tier Dumbbell Storage rack , heavy duty made in steel 12 gauge pipes with 3 coats of Lycra. Inclusive of All Taxes and Transportation Charges								
		2				2.00			
	Data Rate:	31174.00				**2.00**	Each	**31174.00**	**62348.00**
53	Supply of Olympic Bar Rack : Olympic Bar Holder: Commercial grade made with steel with 2 coats of Lycra finish 10 to 12 Bars capacity. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	11777.00				**1.00**	**Each**	**11777.00**	**11777.00**
54	Supply of Swiss ball - Quality, Safety, Durability – Anti-Burst Gym Ball made with the highest quality PVC material available - Fitness balls anti-slip matte surface, anti-burst design ensures safe use. set 3 balls 55 cms(1200)65cms(1400)75cms(1750) Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	6027.00				**1.00**	Each	**6027.00**	**6027.00**
55	Supply of Medicine Ball-Anti burst Medicine Balls made with high quality rubber as per international Standards. set of 4 (1kg-2400,2kg-2700,3kg-3100,5kg-4300) Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	17319.00				**1.00**	**Each**	**17319.00**	**17319.00**
56	Supply of Three Fold Exercise Mats: Foldable Exercise mats made with high quality anti sweat absorbing resin. Inclusive of All Taxes and Transportation Charges								
		13				13.00			
	Data Rate:	5057.00				**13.00**	Each	**5057.00**	**65741.00**
57	Supply and Installation of Abdominal of Specifications Dimensions : W1.284 x L1,246 X H1,506 mm (50.6"x49.1"x59.3") Product Weight : 237Kg (523lb) Stack Weight : 100kg (220lb) Features Elbow pads and large handles providing stabilization 10-steps gas shock absorber type seat position adjustment ABS material both-side stack cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	389978.00				**1.00**	Each	**389978.00**	**389978.00**

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
58	Supply and Installation of Lexco Seated shoulder Press: Product size: W1,358 × L1,307 × 1,506mm (53.5 "× 51.5" × 59.3 ") Weight: 253kg (578lb) block weight: 100kg (220lb) Material: in volute pipe 50 X 105 3.0T outer cover : ABS material double sided block cover urethane foam (memory foam) sheet Characteristic Handle angle for improved muscle contraction 10-step gas spring Shobar + rack gear height adjustment Start bar for adjusting saddle start position to extend range of motion (optional) ABS material double-sided block cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
						1.00	Each	**433988.00**	**433988.00**
	Data Rate:	433988.00							
					SUB TOTAL				**14289698.45**
					SR Items				**2246426.45**
					Data Rate Items				**12043272.00**
					12% GST Charges				**269571.17**
					DPR & PMC Charges 2%				**300000.00**
					SUB TOTAL-2				**14859269.62**
					Miscallaneous & rounding off				**730.38**
					GRAND TOTAL				**14860000.00**

CERTIFICATES

1) The work spot has been inspected and found to be necessary.
2) This estimate is prepared as per KPWD SR. of 2021-22 & Approved Rates.
3) The provisions were made in this estimate are necessary and adequate.
4) This works come under B.B.M.P. limits.
5) Approved Data Rate to be enclosed

CIVIL INFRA TECH CONSULTANCY

Consultant
Civil Infra Tech Consultancy

Assistant Engineer
Project Division, Yelahanka

Assistant Executive Engineer
Project Division, Yelahanka

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division, Yelahanka

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Technical Sanction
Accorded For Rs 1148.60 lacs only
Head of A/C 23089
CER NO : 20 Dt: 01-07-2022

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
58	Supply and Installation of Lexco Seated shoulder Press: Product size: W1,358 × L1,307 × 1,506mm (53.5 "× 51.5" × 59.3 ") Weight: 253kg (578lb) block weight: 100kg (220lb) Material: in volute pipe 50 X 105 3.0T outer cover : ABS material double sided block cover urethane foam (memory foam) sheet Characteristic Handle angle for improved muscle contraction 10-step gas spring Shobar + rack gear height adjustment Start bar for adjusting saddle start position to extend range of motion (optional) ABS material double-sided block cover. Inclusive of All Taxes and Transportation Charges								
		1				1.00			
	Data Rate:	433988.00				1.00	Each	433988.00	433988.00
							SUB TOTAL		
							SR Items		14289698.45
							Data Rate Items		2246426.45
							12% GST Charges		12043272.00
							DPR & PMC Charges 2%		269571.17
							SUB TOTAL-2		300000.00
							Miscallaneous & rounding off		14859269.62
							GRAND TOTAL		730.38
									14860000.00

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CIVIL INFRA TECH CONSULTANCY
Consultant
Civil Infra Tech Consultancy

Assistant Engineer
Project Division, Yelahanka

Assistant Executive Engineer
Project Division, Yelahanka

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division, Yelahanka

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Technical Sanction
Accorded For R.s 1.48.60 lakhs only
Head of A/C 13089
CER NO :.....42..... Dt:01.07.2022

Administrative Approval
Accorded For Rs 1.48.60 lakhs
Head of A/C 13089
CER NO :.....42..... Dt:6/6/2022

B.E. (Project)

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